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A method for parking management comprising:

5 providing a plurality of parking spaces at a multiplicity of disperse parking facilities;

monitoring said plurality of parking spaces with a multiplicity of video cameras;

reserving a parking space within said parking facility;

assigning a parking space with said parking facility to a user;

10 parking a vehicle at said reserved parking space.

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The method according to claim 1, further comprising, prior to the step of parking, giving a vehicle an assigned parking space number.

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The method according to claim 1, wherein said reserving is done by using a credit card, a check card, or a bank account.

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A system for parking management comprising:

a plurality of parking spaces at a multiplicity of disperse parking facilities;

a plurality of video cameras monitoring at least two parking spaces within said parking facilities;

a controller located at said parking facility and in communication with said video cameras wherein said controller determine in real time or near real time whether said

5 parking space is occupied;

a server in communication with said controller and said plurality of video camera wherein said server includes a database of user information and wherein said user communicates with said server to reserve a parking space within said parking facilities;

10 a ticket dispenser in communication with said server and controller which issues parking tickets to said user wherein said ticket contains an assigned parking spot location.

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The system of claim 4, wherein the controller is in communication with a ticket dispenser at an entrance to said parking facility.

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The system of claim 4, wherein the controller includes a Support Vector Machine classifier.

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An auction method, comprising the following steps:

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receiving bidding information from remote bidders, the bidding information including a desired price, location of parking facility, location of parking space within said parking facility, and a highest possible price for each remote bidder; and

conducting an automated auction procedure whereby the desired prices included in said bidding information are compared to determine an initial highest price;

wherein, if two bidders have competing desired prices, a successful bidder is determined on the basis of the largest highest possible price included in said bidding information; but if no bidders have competing desired prices, a successful bidder is determined on the basis of the largest desired price included in said bidding information.

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The method as claimed in claim 7, wherein participation of the remote bidders in the auction is effected by the steps of:

displaying auction information to the remote bidders, said auction information being received by the remote bidders via either a hard-wired or wireless connection;

each of the bidders selecting an auction subject;

creating, for said selected subject, the auction ordering information including the desired price, the location of the parking facility, the location of the parking space within said parking facility, and the highest price in competition for the desired price; and

transmitting said auction information to an auctioneer terminal.